

EAST Search History

| Ref # | Hits | Search Query | DBs |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| S13 | 1 | 10/596481 | US-PGPUB; USPAT |
| S14 | 1 | "20070101817" | DERWENT |
| S15 | 7 | "835957" | EPO; DERWENT |
| S16 | 7 | "836957" | EPO; DERWENT |
| S17 | 2 | "9838451" | EPO; DERWENT |
| S18 | 2 | "9835094" | EPO; DERWENT |
| S19 | 9 | hug and ((roll or roller or cylinder) with (vibrat\$6 or oscillat\$6)).ab. | US-PGPUB; USPAT |
| S20 | 61 | hug and (roll or roller or cylinder).ti. | US-PGPUB; USPAT |
| S21 | 32 | (hug.xp. or hug.xa.) and (roll or roller or cylinder).ti. | US-PGPUB; USPAT |
| S22 | 293 | (oscillat\$6 or vibrat\$6 or shak\$6).ti. and (roll or roller or cylinder).ti. | US-PGPUB; USPAT |
| S23 | 109 | (move or moving).ti. and (roll or roller or cylinder).ti. | US-PGPUB; USPAT |
| S24 | 402 | S22 or S23 | US-PGPUB; USPAT |
| S25 | 64 | S24 and (paper or papermachine or papermak\$4) | US-PGPUB; USPAT |
| S26 | 67 | (S22 or S23) and phase | US-PGPUB; USPAT |
| S27 | 1 | "9108842" | DERWENT |
| S28 | 5 | "92014" | DERWENT |
| S29 | 1 | ("3208292").PN. | USPAT |
| S30 | 393 | "92014" | USPAT |
| S31 | 1 | "0092014" | USPAT |
| S32 | 84 | S30 and phase | USPAT |
| S33 | 120 | (roll or roller or cylinder or drum) with (oscillat\$5 or vibrat\$5 or move or moving) with phase with motor | USPAT |
| S34 | 315 | ((roll or roller or cylinder or drum) with (oscillat\$5 or vibrat\$5 or move or moving)) and motor and (phase with (drive adj shaft\$2)) | US-PGPUB; USPAT |
| S35 | 142 | S34 and eccentric | US-PGPUB; USPAT |
| S36 | 24 | S35 and (axial\$4 with (oscillat\$5 or vibrat\$5)) | US-PGPUB; USPAT |
| S37 | 1 | ("4481835").PN. | USPAT |
| S38 | 5 | "5560808" | USPAT |
| S39 | 13 | "3208292" | US-PGPUB; USPAT; USOCR |
| S40 | 13 | "3208292" | US-PGPUB; |

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| | | | USPAT; USOCR |
| S41 | 5 | "5825663" | US-PGPUB; USPAT; USOCR |
| S42 | 8987 | (oscillat\$6 or vibrat\$6 or shak\$6).clm. same(roll\$2 or roller\$2 or cylinder\$2 or drum\$2).clm. | US-PGPUB; USPAT |
| S43 | 8987 | (oscillat\$6 or vibrat\$6 or shak\$6).clm. same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2).clm. | US-PGPUB; USPAT |
| S44 | 8987 | ((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)).clm. | US-PGPUB; USPAT |
| S45 | 9 | ((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (mass or masses) same (drive\$2 or shaft\$2 or train\$2) same phase).clm. | US-PGPUB; USPAT |
| S46 | 95 | ((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (drive\$2 or shaft\$2 or train\$2) same phase).clm. | US-PGPUB; USPAT |
| S47 | 20 | ((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (mass or masses) same phase).clm. | US-PGPUB; USPAT |
| S48 | 250 | ((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same phase).clm. | US-PGPUB; USPAT |
| S49 | 113 | ((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (mass or masses) same (drive\$2 or shaft\$2 or train\$2)).clm. | US-PGPUB; USPAT |
| S50 | 49064 | (oscillat\$6 or vibrat\$6 or shak\$6) and (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) and (eccentric\$5 or mass or masses) and phase | US-PGPUB; USPAT |
| S51 | 17378 | S50 and paper\$8 | US-PGPUB; USPAT |
| S52 | 7002 | ((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase | US-PGPUB; USPAT |
| S53 | 2028 | ((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase and paper\$8 | US-PGPUB; USPAT |
| S54 | 197 | ((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase | EPO; JPO; DERWENT |
| S55 | 1906 | ((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase | USOCR |
| S56 | 2923 | (S52 or S55) and (shaft or shafts or drive or drives or train or trains) and (gear or gears) | US-PGPUB; USPAT; |

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| | | | USOCR |
| S57 | 2351 | S56 and (motor or motors) | US-PGPUB; USPAT; USOCR |
| S58 | 52 | (S52 or S53 or S54 or S55 or S56) and ("162"/\$.cls. or D21F\$.ipc.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT |